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Patent Number :

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Title :

(A) ELECTRODE CATHETER FOR HIGH-FREQUENCY ABRASION

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Abstract :

PURPOSE: To provide the electrode catheter for high-frequency abrasion which can treat ventricular fibrillation.

CONSTITUTION: An electrode 6 provided at the front end of a tube 1 has a needle-shaped part 7. The threaded part 4 of the electrode 6 is screwed into the threaded hole 4 of a receiving surface part 3 provided at the front end of the tube 1. This electrode 6 moves axially with respect to the receiving surface part 3 and the projecting length of the needle-shaped part 7 from the receiving surface part 3 changes if the electrode 6 is rotated. This needle-shaped part 7 is pricked to the inside of the heart muscle. The needle-shaped part 7 can be pricked until the receiving surface part 3 comes into contact with the surface of the heart muscle. Even the lesion tissue existing in the deep position in the heart muscle can be surely cauterized while its position is specified in this way.

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